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Pred. No. is the sumber of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.		Query Match	Query Match Length DB ID	DВ	ID	Description
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ALIGNMENTS

TITIE VILLE VILLE TONESSEES VERSION KEYWORDS RESULT 1 AQ074038/c COMMENT SOURCE ACCESSION DEFINITION JOURNAL MEDLINE ORGANISM Fruit fly.

Fruit fly.

Fruit fly.

Fruit fly.

Metalod. Arthropoda. Hexapeda: Incenta: Pterganta;

Receptora. Endopter; Asta: Diptera: Pracipoda: Muscomorpha: Ephydroidea: Drosophilidae: Drosophila.

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1 Liencian. Pohm, Pill and Publin G.M.

Illustion site pattribuses of the Pichaposable element in Drosophila melanogaster

Drosophila melanogaster

Drosophila melanogaster AQQ74038 AQQ74038.1 G1-3403288 GSS. A0074038

BP(2)2026-3prime Drosophila melanogaster EP line Drosophila melanogaster in Drosophila melan Berkeley Drosophila Genome Project University of California, Herbeley L2A Building Berkeley, CA 94720-7200, Fax: 5106129947 DNA sequence. Contact: Gerald Rubin Email: gerry@fruitfly.berkeley.edu segueran ranawary method was lenerse PCR. 20202638 GSS 23-AUG-2000

sequence orioniation is forward strand relative to 5′ and of P

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1M0188824F Mouse 12FC placed Jurgolm Library Mus masculas penemic
clone BUGCIM0188824 F, DNA sequence.
AZ414072
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Dunn, D., Aoyasi, A., Barber, M., Beacorn, T., Daval, E., Hamil, G., N., Rose, R., Stokos, R., Tingey, A., von Niederhausern, A., M., Rose, M., Rose, R., Stokos, R., Tingey, A., von Niederhausern, A., and Majoba n. Majes E.
                                                                                                                                                                                                                                                                                                      High quality sequence stop: 34.
                                                                                                                                                                                                                                                                                                                                                           Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                      Seq primer: CGTTGTAAAACGACGGCCAGI
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: ddunn genetics.utah.edu
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/dr xref "taxon.7227"
/clone_lib" "Drosophila melanodaster EP line"
/clone "The "Drosophila melanodaster EP line"
/hole "Threese FCK was performed on Drosophila
melanodaster strains each of which estatins a single EP
transposable element insertion. (The deneration of these
insertion strains is described in North P. Szabo K. Bailey
A. Larerry T. Echm J. Fakin GM. Welamans K. Milan M. Benes
V. Ansorae W. Oshon SM. 1998, Systematic gainset function
denetics in Drosophila. Development 6:1049-1057.) The
resultant fraument for each strain was directly sequenced
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            to determine the denomic sequence at the site of insertion, behalfs of the protocols used can be found at https://www.html.com/protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber.protocols/liber
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Matches 11; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                        hard: snymicryalovm.yec.yalo.odu
Lacz fusion, Vegetative expression, Beta gal fusion localization
pattern: 50 cytoplasmic spots; Pusion: codom l* of TVB acmo,
Sequence below near or adjacent to Lacz.
Seq primer: Lacz sequences in transposon.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LargersPale analysis of gene expression, protein boralization and gene digraphion in Sancharamy occurrentatae (enes bev. 8, 1087-1105 (1994)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Burns, N., Grimwade, B., Ross-Macdonald, P.B., Choi, E.-Y., Finberg, K., Roeder, G.S. and Snyder, M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota, Pungi: Ascomyosta: Saccharomyostina; Saccharomyoetes; 
Saccharomyoetales, Saccharomyostacene, Saccharomyoes.
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/Organism "Saccharomyces ecrevisiae"
/Ah.Arcf "tak....4942"
/Ah.Arcf "tak....4942"
/Ablanc_lib "The blue gays library"
/Lab_host "E.coli"
/Ablanc "Wittor pRULMin, A yeast accemic DAN library was
prepared in the vector pRSS6, and subjected to transposon
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/more "Vector: PWMZEU: Purified denomic DNA from M.
musculus CTPHZ/6J (mule) was obtained. Trem the Bockson
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/sex-"Male"
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100.0%; Pred: No., 2.30:04;
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12 CGTTGAGCATC 22
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Dirorse transcriptional initiation rescaled by fine, large scale mapping of mRNA start sites
TAPP, Pop. 2 (5), 389-292 (2001)
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AU103436 E.Jane Hemo serious of AVITHA Liking Hemo suptons of NA
HEP01355 mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: ysuzukidims.u-tokyo.ac.jp
Suzuki, Y., Yoshiroko-Kakagawa, K., Marayama, K., Suyama, A. and Sugano
Suzuki, Y., Yoshiroko-Kakagawa, K., Marayama, K., Suyama, A. and Sugano
S. Construction and characterization of a full length-enriched and
a 5'-end-enriched (100 litray terms 200 (1-2), 147-75, (2003)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Yutaka Suzuki
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/note "Differential display comparison of untreated and
dimethylfummarate treated 997 cells"
a 16 c 12 g 15 t
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Piters the saciptional indication recoiled by fine three-scale mapping of mean start sites
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Mammalia; Estberia; Primates: Catarrhini: Hominidae: Homo.
I (bases I to 50)
Suzuki, v. Taira, H., Tsunoda, T., Mizushima Sugano, J., Sese, J., Hat
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Suc.L.Y., Y.shitomo tokajowa, K., Biruyama, K., Suyama, A. and Sugano
.S. Construction and characterization of a full length-enriched and
.S. cod enriched grad library. Gono 200 (1.2), 140-156 (1997).
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4 6 1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
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                                                                                                                                                                                                           Unpublished (1996)
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Tel: 314 286 1800
                                   4414 Forest Park Parkway, Pox 8501, St. Louis, Mo. 63108
                                                                                                                                                                   Contact: Marra M/Mouse EST Project
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/clone="HRC00548"
/clone_lib-"Sayano Homo sapiens cDNA library"
/note-"pilferential display Comparison of untreated and
dimothy/fumarate treated U937 cells"
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                                                                                                                           Email: trop'sanger.ac.uk
Sanger Xenopus tropicalis ESI project 2001
TROPICALIS_SEQUENCE_ID: IGAS081n.22.plkSP6
Sequencing primer: PlkSP6
This sequence is from a Xenopus Sene Collection (XCC) library
constructed by Aaren M. Zorn.
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Silurana tropicalis
Silurana tropicalis
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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This clone is available royalty free through GLML , contact the
IMAGE Consortium (into image.llnl.gov) for further information.
                                                                                                                                                                                                                                            Hinxton, Cambridgeshire, CB10 ISA, UK
                                                                                                                                                                                                                                                               Sander Centre
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                                                                                                                                                                                                                                                                                                                                                                         Xemopodinae: Silurana.
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                                                                                                                                                                                                                                                                               Taylor R
               /organism "Cilurana trapicalia"
/db_xcot "nawou.8364"
/clone_"pbas081u22"
/clone_Lib "x60-qastrula"
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/clone "iMAGE:472669"
/dev_stero "quetrola (etagos 10.5 l? mixed)"
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Drosophila melanogaster
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Tol: 81-75-753 4081
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                 /note-"Vector: pHinescript SK"
4 c Nl q Nu lu t
                                                                                                                                                                                                                                                                                                                                                                                                                                                   /clone "cloqu6m02"
/clone_Hib "Noil Naich appablished cDAA library, ead"
/tissue_type="whole animal"
/dev_stage "ead"
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100.0%; Pred. No. 8.9e+04;
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University of California, Berkeley
LSA Building, Berkeley, CA 94720-3200, USA
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                                                                                                                                                                                                                                                                                                                                                                                sequence.
BH639055
BH639055 1
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Sequence recovery method was incorse FOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence orientation is forward strand relative to 5' end of P
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Spermatophyta; Magnoliophyta, Eiliopsida, Foales; Foaccae; PACC
clade; Panicoldgae: Andropogomeae; 26a.
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1008027A11.1EH_71 log8 - RescueMu Stid T Zwa mays generate, JAA
                          Department of Riological Sciences Stanford University
                                                                                                     Maize genemic sequences found using engineered RescueMu transposon Unpublished (2001)
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                                                                                 Contact: Walbot V
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855 California Ave, Paio Alto, CA 94304, USA
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/note="inverse PCR was performed on Brosophila
/note="inverse PCR was performed on Brosophila
melanogaster strains each of which contains a single EP
transposable elament insertion. (The seneration of thase
insertion strains is described in North P, Szabo K, Bailey
A, Laverty T, Rehm J, Rubin GM, Weigmann K, Milau M, Benes
V, Ansorye W, Cohen EM. 1998 Systematic gain-of-function
V, Ansorye W, Cohen EM. 1998 Systematic gain-of-function
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 to determine the genomic sequence at the site of insertion, betails of the protocols used can be found at http://foilifi.eds/p_distapt/forefse_for.html." 13 c 12 g 8 t
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/db_xref-"taxon:7227"
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100.0%; Preu. ..
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Very probable ligation site of ends out by single endonucloase.
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                                                  to give a light size distribution (4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. Genome Sequencing: A Fractical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1944)
                                                                                                                                                                                                                                                                                                                    Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 ISA, E-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                             Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R., Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L., Mclwillo, S. P., Pajandroum, M.A. and Barrell, B.G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        T. brucei sheared genomic DNA clone 115c11, forward sequence, genomic survey sequence.
                                                                                                                                                                                                              Constructed at the institute for Genomic Research (IIGR), gockyille, MD. Genomic DNA isolated from a cloned population of Tryphorseama bruce! (TPPHQ224 CHP+ in 1) was modernically sheared
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Email: nelsayed@tigr.org
Details of T. brucel sequencing at the Sanger Centre are available
                                                                                                                                                                                                                                                                                                   nhlësanger.ac.uk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          'ReserveMu ' Grid ! was grown at Berkeley in 2001. DNA was extracted from leaf punches, double digested using HamH1 and Hgill, and ligated to form circular plasmids. DH108
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/tissue_type="leaf"
/dev_stage="adult"
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[colling: "mixed background W23/Al88/B73"
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| ou09b09.sl Source_NFT_F_SBC_S1 Homo sapiens <DNA clone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: cgapbs:rdmail.nih.gov
Tissue Provirement: Jeffrey E. Green, M.D.
cDNA Library Preparation. Life Technologies, Inc.
cDNA Library Arrayed by The I M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Incyte Genomics, Inc.
Clone distribution: MGC clone distribution information can be
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Contact: Robert Strausberg, Ph.D.
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| Will Mot http://id
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Mammalia; Entheria; Rodentia; Schuroquathi; Muridae; Murinae; Mus
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/db_arct "tdaon.10090"
/elone "IMAGE:4239360"
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/strain "TRED927"
/strain "TRED927"
/strain "Tracas Got"
/clone "115cil"
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                                                                                                                                                                    23.8%; Secre 10; DB 12; Length 41; 100.0%; Pred. No. 9.1e+04; the o; Micratibes 0; Indels
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              4 3 bp
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RESULT 14
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                                                                                                                                      AUTHORS
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                                                                          Alonso,J.M., Leisše,J.J., Barajas,P., Chen,H., Cheuk,R., Gadrinab,
,C., Jeske,A., Karnos,M., Kim,C.J., Parker,H., Prednis,L., Shinn,
, Zimmerman,J. and Ecker,J.R.
                                                                                                                                                                                                                                                                                                                                                                                                                                      BH853287 45 bp DNA Tibear GSS 18 JU
$ACK_$75,02054.45 a Actification that has TDMA insertion lines
Arabidepsis thallana genesic cheen $ACK_$75,076.02.5 (A<sup>5</sup>.x, DNA
                      \Delta Sequence-Indexed Library of Insertion Mutations in the Arabidopsis Genome
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Mammalia; Entheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 44)
Suputriished (2001)
                                                                                                                                                                                                         Eukaryota: Viridiplantae: Streptophyta: Embryophyta: Iracheophyta:
Spermatophyta: Magnoliophyta: Oudicotyledoms: core oudicots:
                                                                                                                                                                                                                                                                           Arabidopsis thaliana
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This clone is available royalty tree through LLNL; contact the
LMAGE Consortium (into image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unpublished (1997)
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National Cancer Institute, Cancer Genome Anatomy Project (CMAP).
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                                                                                                                                                                                                                                                                                                          thale cress.
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/lab_bost="0H138"
/late="requot_pooled, Vector_pP785 has (Pharmacia) with a modified polylinker; Site_L: Not 1: Site_Z: Eco_R: Equal amounts of plasmed DNA from three normalized interactions (telal inod shallow, testis AHI, and Recell NPL_CARP QCH) were mixed, and secticles were made in vitro. Pollowing HAP partitional this DNA was used as tracer in a subtractive hardination, this DNA was used as tracer in a subtractive hardination to 5,000 clones made from the same 3 libraties. The pools consisted of 1.M.A.C.E. Clones 297480 302087, 682631 687239, 726438 728711, and 729096-731399, Sabtractics by Bento Scarcs and M. Fatima Hemaldo."
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Pred. No.
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RESULT 15
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Best Local Similarity
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45 bp DNA linear GSS 05-AUG-200 SALK_045005 Arabidopsis thaliana TDNA insertion lines Arabidopsis thaliana genomic clone SALK_095005, DNA sequence.
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                                                                                                                                                                                                                                                                                                                         Contact: Joseph R. Ecker
Salk Institute Genomic Analysis Laboratory (SIGNAL)
The Salk Institute for Biological Studies
10010 N. Torrey Pines Poad, ia Tolla, CA 92027, USA
Tol: 858 453 4100 x1752
Fax: 858 558 6379
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Alonso.J.M. Leisse,T.J. Barajas,P, Chon,H, Chonk,R, Gadrinab,C., Jeske,A., Karnes,M, Kim,C.J., Parker,H., Prednis,L., Shinn,P., Zimmerman,J. and Ecker,J.R.
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Salk Institute Genomic Analysis Laboratory (SIGNAL)
The Salk Institute for Biological Studies
10010 N. Torrey Fines Boad, La Julla, CA 92037, USA
Tel 969 463 4166 A1762
Fax: 858 558 6379
                                                                                                                                                                                                                    Class: TDNA tagged.
                                                                                                                                                                                                                                          This is single pass sequence recovered from the left border of TDNA. This sequence lies within an annotated exon of At4q28650
                                                                                                                                                                                                                                                                                              Email: ecker@salk.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Arabidopsis Genome
Unpublished (2001)
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Eukaryota: Viridiplantao, Streptophyla: Erbrycphyla: Tracheophyla,
Spormatophyta, Magnoliophyla, eudicolyludous, coro eudicots,
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/db_xref="taxon:3702"
/clone="SALK_095005"
/clone_lib-"Arabidopsis thaliana TDNA insertion lines"
/clone_lib-"Arabidopsis thaliana lines"
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/strain-"Columbia_0"
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/clone="3ALK_076302.53.45.x"
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cach of which contains one or more TDNA inscrition elements. The resultant fragment for each line was directly sequenced to determine the genomic sequence at the site of inscrition. Establis of the protocols used can be found at http://xispal.maik.edu/liba_protocols.html" ORIGIN
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Query Match 23.8%; Score 10; DB 17; Length 45; Best Local Similarity 100.0%; Pred. No. 9.3e+04; Matches 10; Conservative 0, Mismatches 0, Indels 0; Gaps

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Qy 8 CGTTGAGCAT 17

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31 CGTTGAGCAT 40

Scarch completed: April 18, 2002, 04:27:01 Job time : 25195 sees

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Title:
Perfect score.
Sequence:
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REFERENCE AUTHORS TITLE	RESULT 1 AX448933/c LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM
Battaglino, P., Feder, J.N., Mintier, C., Ramanathan, C.S., Battaglino, P., Feder, J.N., Mintier, C., Ramanathan, C.S., Westphal, R., Bawken, D.R., Cacace, A., Barber, L. and Enria-ker, M.G. A novel human g-protein coupled receptor, hypibmy 7, expressed highly in spinal corl	Ax448933 Sequence 33 from Patent W00226823. Ax448933 Ax448933.1 GI:21697801 Synthetic construct. synthetic construct artificial sequences.

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Frey,B.D. and Kuehler,H.
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Sequence 3 from patent US 5957977
AR0775383
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Sequence 21 from Patent EP0745687
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Method for the specific amplification and detection of dna and
Patent, EP 0745697-A 21 04-DEC-1996;
BOEHKINGER MANHHELM GMHH (DE)
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AX166503
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          Methods and compositions relating to bactericidal/permeability increasing factor like polypoptides and polymoleotides ratent: MO 0136478 A 158-25-MAY 2001;
                                                                         Bailinger, D.G., Mulero, J.J., Qian, X., Mize, N.K., Haley, D.A. and
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Location, 2001ilions
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Mammalia: Entheria; Primates: Catarrhini: Hominidae; Homo.
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L tases: L + 250.
White,J.A.: Petkovich.F.M.: Jones.G. and Ramshaw.H.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Frigityeeride synthemis: acytation stimulating protein/Cta-desArg:
ASP/Cta-desArg: treatment; obesity; diabetes mellitus; PMK primer;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sense primer for GAP RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 14 · MAY 1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAV1 (197;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AAVI3197 standard; DNA; 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 42 BP; 10 A; 8 C; 15 G; 9 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         The nucleotide sequences can be used to detect a target nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Claim 22; Page 14; 35pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              and able to form a hairpin, used to detect target nucleic acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               New oligonucleotide containing energy donor and two energy acceptors,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       WP1; 2000 147090/13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           12 JUN-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                11 JUN 1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     14. [16.7-] 1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      W05964432 A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 11.000.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               L ACCGATGOGTIGAGCATCGGTGGAAGGTCGGAGTCAACGGATT 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  THEREFIELD THE THEFT THE THEFT THE THEFT THE THEFT THE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Similarity 100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (tirst entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               9808-0089119.
                                                                        93GH-0012819
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                99Wo-0812799
                                                                                                                                         9408-9264022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Ξ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 42: DB 21:
Pred. No. 1.3e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1.30-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 42;
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A6K51955,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Use of acylation stimulating protein/CNa desArd—for stimulating protein/CNa desArd—for stimulating protein/CNa desArd—for identifying agonists or antagonists for use in e.g. obesity or diabetes
          WPI: 2002 435196/46
                                                                                                 03-AUG-2001; 20010S-310436P
                                                                                                                                                                                                                                     W::200126824-A2
                                                                                                                                                                                                                                                                                                           modified_base
                                                                                                                                                                                                                                                                                                                                                      Homo sapieus
                                                                                                                                                                                                                                                                                                                                                                                               ovary; thymnus: lund; immune system; cancer; immune disorder;
neurological disorder; infection; hamen immune deficiency virus; HIV;
                                                                                                                                                                                                                                                                                                                                                                                                                            Human: 6 protein coupled receptor: GPCR: HGPRBMY5; colon: brain:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human GAPDH DNA probe GAPDH:PVIC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ABK51955 standard; DNA; 28 BF.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 27 KP; 6 A; 3 C; 12 G; 6 I; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    acid removal rate from plasma.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                diabetes mellitus or related disorders by virtue of its stimulatory
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          agonists or antadomists, useful as stimulators or inhibitors of IS
This inhibition or stimulation of IS may be used to treat obesity.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       mammalian cells with pure acylation stimulating protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        The present sequence was used in the development of a nevel method for stimulating triglyceride synthesis (Ts), comprising contacting
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Example 1; Columns 11 12; 24pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         71/688621-8661 : IdM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Clantlone K. Sniderman
                                                                    (BRIM ) BRISTOF-MYERS SOUBH CO
                                                                                                                 16-JAN 2001; 2001US 261781P
19-JUL-2001; 2001US-306605P
                                                                                                                                                                          26-SEP-2001; 2001Wo US:0365
                                                                                                                                                                                                        04 - APR - 2002 .
                                                                                                                                                                                                                                                                                                                                                                                 GAPDH; D-qlyceraldebyde-3-phosphate debydrodenase; probe;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       27-AUG-2002 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   or inhibitory effect on cell glucose transport and increased fatty
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             The method can be used to stimulate 18 and identity ASP/C4a desAra
                                                                                                                                           27-SEP-2000; 2000US-235713P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (ASP)/C3u desArg.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     19 GGTGAAGGTEGGAGTCAAFGGATT 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity 100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      24; Conservative
                                         Mintier 6,
                                                                                                                                                                                                                                                                                                             \alpha
                                                                                                                                                                                                                                                                                                                         Location/Qualitiers
                                                                                                                                                                                                                                                                 /note- "oTHER Labelled with IAMKA"
                                                                                                                                                                                                                                                                               /mod_base-
                                                                                                                                                                                                                                                                                               /*! dd
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                                           Ramanathan CS,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AL);
                                                                                                                                                                                                                                                                                 STEEK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 24: DB 15:
Fred. No. 0.0002
                                           Hawken Lk;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.000262
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              tor stimmating
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Novel 6 protein-coupled receptor, HGPREMNTS polyphylide, useful for treatment of AIDS, allergies, asthma, atherosclerosis, ulcerative colitis, atopic dermatitis, diabetes mellitus, glomerulonephritis,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          disorders, and diseases related to the brain, ovaries, thymus or lungs. The polynucleotide sequence is useful for diagnosing or determining susceptibility to infections such as bacterial, fungal, protocoon and viral infections, particularly infections caused by human immandeficiency viras (HIV or HIV 2). The present sequence represents a probe used for DNA encoding human GAPDH (D-glyggraldebygg-3-phosphate 4-bydropease) in the examples of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     are useful for preventing, treating of ameliotating a discase disorder or condition related to the colon, brain, coarses, the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            G-projecin compled receptor (GPCR) (HGFREMYS), and the polynocloatide sequence encoding it. The HGPRRMYS polynophide and polynocloatide
                                                                                                                                                                                                                                                                                                                                                                                                                         spinal chord-related disorder) breast Cancer, neoplastic discaso; brain disorder; leukaemia; myoloma; immunological disorder; prohe; choleoyetikis, disver's discaso; networthiles, schlau, neurological disorder; demonstria, depression, Alcheimer's discaso, b.wo's syndrome, epilopoy; intracellular calcium level; NFAT; nuclear factor activator of transcription element.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Example 4: Page 75: 14%pp: English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   The present invention relates to the isolation of a nevel human
                                                                                                                                                                                          27-SEP-2000; 2000US-235731P.
14-FEB-2001; 2001US-268580P.
28 AUG-2001; 2001US-315423P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Human; PCR; ss; G protein coupled receptor, HGPRBMY7; spinal chord;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human glyceraldehyde phosphate dehydrogenase FCR probe-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         13-AUG-2002 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ABK84820 standard; DNA; 26 BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 28 RP: 6 A: 11 C; 3 G 8 T O other:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             present invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 lungs or immune system. They are particularly useful for the treatment or prevention of cancers, immune disorders, neurological
Novel human G protein coupled receptor BMY7 (HGIRBMY7) polypeptide, useful for modulators of HGPRBMY7 activity that are useful for freating
                                                                                                Battaglino P, Feder
Hawken DP, Cararo A,
                                                                                                                                                     (BRIM ) BRISTOL-MYERS SQUIBB CO
                                                                                                                                                                                                                                                                     26-SEP-2001; 2001WO-US30351
                                                                                                                                                                                                                                                                                                            04-APR-2002
                                                         WPI; 2002-435195/46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 19 GGTGAAGGTCGGAGTCAACGGATT 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Similarity
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                                                                                                Feder JN, Mintier
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             57.1%, Score 24, DB 24, 100.0%; Pred. No. 0.00026;
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                                                                                                    G, Remanalhan CS,
Kornacker MG:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tongth 23
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Matches
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                                                                                                                                                                                                                                                          Human; G-protein coupled receptor; HGPKBMY6; small intestine;
                                                                                                                                                                                                                                                                                           GAPDH probe
                                                                                                                                                                                                                                                                                                                                15-701-2002 (first ontry)
                                                                                                                                                                                                                                                                                                                                                                 AHK70642;
                               28-AUG-2001; 2001US-315412P.
                                                                                                     26-SEP-2001; 2001WO-US30614.
                                                                                                                                      04-APR-2002
                                                                                                                                                                                                          Homo sapiens.
                                                                                                                                                                                                                                           testis; cancer; PCR; primer; ss
(PPIM ) PRISTOL-MYERS SQUIBB CO.
                                                                  27-SEP-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         26 GCTGAAGGTCGGAGTCAACGGATT 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          19 GGTGAAGGTCGGAGTCAACGGATT 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
                                                     1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                    2000008-2356028
                                                     200108-3066049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 24; DB 24; pred. No. 0.00026;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 28
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WPT: 2002-303273741

Kornacker MG;

Mintier C,

Ramanathan CS,

Hawken Dk, Cacace A,

Barber L;

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mat ches
                               response in a mammal and to identify agonists or antagonists. The polypophide is useful as immunogen, to identify membrane-bound or soluble receptors, in low capacity screening methods and in high-linoudliput screening (HTs) formats. The polypnocleotide is useful as probes or primers, as diagnostic reagents through detecting mutations probes or primers, as diagnostic reagents through detecting mutations
                                                                                                                                                                            The invention relates to human serine-threonine kinase, hTAM, the hTAM gene is located on human chromosome 5. The hTAM polypeptide and polynuclectide are useful in the treatment of diseases involving cell
expression studies. The fusion protein consisting of
                     the associated gene,
                                                                                                                                      eyeth control and/or apoptosis, such as cancer and neuronal disorders (e.g. Alzheimer's disease), as vaccines for inducing an immunolygical
                                                                                                                                                                                                                                                                 Example: Page 12: 12pp: English.
                                                                                                                                                                                                                                                                                                                         Atcheimen's disease, and as vaccines for inducing imminological
                                                                                                                                                                                                                                                                                                                                              Noted human sering-threening kinase polypoptide for identifying agenist or antagonists, for treating cancer and neuronal disorders e.g.,
                                                                                                                                                                                                                                                                                                                                                                                                            WFT: 2002-171646/22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (MERE ) MERCK PATENT GMBH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     W:200202780-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  The invention relates to an isolated polynucleotide encoding a human G-protein compled receptor, HGPRBWY6. The polyneptide and polynucleotide are used to treat, and diagnose a disease, disorder or condition associated with the small intestine, culon, or testis, particularly cancer. ABK70640-ABK70648 represent human G-protein coupled receptor coding sequences and PCR primers of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     25:JUN:2001; 2001WO:EP07216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Human; serine threonine kinase; hTAM; chromosome 5; cell cycle control;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Buman G3PbH 5' specific primer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     07 MAY-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAD24193 standard; DNA; 25 RP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 28 BP; 6 A; 11 C; 4 G; 8 F; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Example 4: Page 75; 174pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Nevel isolated polyneclectide encoding a human 3 protein compled receptor, both useful for freating condition of the small intestine.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             goptomis; cancer; neuronal disorder. Alzheimer's disease;
humunouen; GBPbH; PCK primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            19 GGTGAAGGTGGGAGTCAACGGAFT 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               JUL-2000; 2000EP-0114402
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (tirst entry)
                     for chromosome localisation studies, and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          57.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0: Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pred. No. 0.00026;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 24:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indeis
  immunoqlobulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  S
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AA1 38350
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Maitelies
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                           invention. The method comprises amplification of short single or double stranded inclose acid fragments in the presence of a primer pair, a bifter (pd 7.9.5) and a combined by the frequency of the modified by a polymerase (e.g. Precedent weed) [two] polymerase) with produceding activity, and a thermophilic DNA polymerase (e.g. Thermos agnations [Tag] polymerase) without proofereading activity. After a denaturing step in the
CSP. IS biological fluids. The enagme mixt. (claimed) can also be used to label DNA fragments with modified nucleotides. Fragments smaller than 2 bb once to applified in Jhart coart) a fluon. (co. 1 min./1. bb).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      For region and the hTAM protein is useful for high-throughput screening assays to identify antagonists for hIAM. The present sequence is human GSPDH 5' specific primer used in an exemplification of the
                                                   case of double stranded DNA fradments, chain extension is effected at least 70deq.C for 30 240 sec.. A reverse transcriptuse, especially that of AMV may be added and reverse transcription effected at 45.60 deq.C. The method is useful for specific detection of nucleic acid sequences.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               gene from human genomic DNA using the amplification method of the
                                                                                                                                                                                                                                                           AATR8350-51 are primers used to amplify a 983 bp tragment of the G3PDH
                                                                                                                                                                                                                                                                                                 Example 6: Page 5; 29pp; German.
                                                                                                                                                                                                                                                                                                                                  polymerase enzymes with and without proof-reading activity
                                                                                                                                                                                                                                                                                                                                                   Amplification of short nucleic acid framemis
                                                                                                                                                                                                                                                                                                                                                                                                                                                             (BUEF ) BUEHKINGER MANNHEIM SMBH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  08 APR-1995:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      03 APR-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        09-OCT-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            EP7 46609-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            17 · JUN 1947
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OGERN IVV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAF38350 standard; DNA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            21 TGAAGGTCGGAGTCAACGGAFT 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 FGAAGGTCGGAGTCAACGGALL 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              cal Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                           Kiobler H;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     25 BP; 6 A; 4 C; To 3; 6 T; 9 other:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (tirst entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                95EP-0105346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      96Eb-0102312
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 52.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sector 22; DB 24;
Presd: No. 0.0047;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Michael da s
                                                                                                                                                                                                                                                                                                                                                   using mixt. of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 25
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Best Local Similarity

Matches

Conservative

0;

Mismatches

lidels

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Sde

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100.0%;

52.4%; Score 22; DB 17; 100.0%; Pred. No. 0.0037;

Length 26;

Query Match

Sequence 26 BP; 6 A; 3 C; 10 G; 7 T; 0 other;

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Вþ
                                                                   Matches
                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gl, eerildehyde G. Lhe state debydrogonse; intorlockin-8:
sense primer; antisense primer; polymorase chain reaction; PCP;
CagB; CagC; antigen; infection; peptic ulcer; gustro carcinoma;
                                                                                                                                                                            the cultured cells and used to synthesize CDNA. Which was used in a PCF Fretion with primers for human IL-8 (see AAT39242 and AAT29243) and primers for human glyceraldehyde-3-phosphate-dehydrogenase as control primers, i.e. this sense primer and the antisense primer AAT29241. Detection of the CagB or CagC proteins using antibodies, or detection of the DNA using specific probes of the PNA using specific probes of the primers, can be used to diagnose H. Pylori infection and to indicate predisposition to peptic ulcors or gastric agreement antisense of infonucleotides to regulatory regions of the DNA can be used in therapy. Muland in priori deficient in agr (ATCC 55612) are attenuated because they do not stimulate synthesis of IL-8 in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Olycoraldehyde-3-phosphate-debydrogenase sense primer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAT29240:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAT29240 standard; DNA; 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DNA encoding Holicobactor pylori (348 and CaqC actiganic polygrithe(s)). We fit for disquestra Hoppioni intention and to indicate prediates: the to poptio absorption on quantic cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  02-MAY-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    attenuation; vaccine; ss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   antisense oligonochrotido; treatment; prevention; diagnosis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           16-JUL-1996
                                                                                                                                                                                                                                                                                                                                                                  cells, confluent monolayer cultures of the human gastric carcinoma cell line AdS (AidC dKL 1739) wate incubated with live H pylori at a bacterium:cell ratio of 1000·1. Total PNA was extracted from
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (TYVA-) THIS VANDEPRILE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20-00T-1005;
                                                                                                                                                                                                                                                                                                                                                                                                                    to it experiment to show that the H -pylori GagB/C openod (see AAI14373) is required to indepthenking8 (IU.8) induction in distric
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Example 3; Page 44; 74pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WPI; 1996-230623/22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Blaser MJ, Sharma SA, Tummuru MKR;
                                                                                                                                   Sequence 26 BP: 6 A: 3 C: 10 G; 7 T; 0 other:
                                                                                                                                                                   epithelial cells.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              21 TGAAGGTCGGAGTCAACGGATT 42
                                                                                   Local
l Similarity
22; Cousery
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (first entry)
                                                                     Conservation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  9408-0327494
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESERVED IN THE CARSE
                                                               52.40,
100.0%; Pr
                                                                                Score 22: DB 17: Longth 26; pred. No. 0.0037;
                                                                     Kismatches
                                                                                                                                                                                                                                                                                                                                                                          Total PNA was extracted from
                                                                     Indels
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AAT70484
                                                                                                                                                                            AAV46348
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ouery Match 52.4%, source 22, DB 18, Length 26, Best Local Similarity 100.0%; Pred. No. 0.0037; Matches 22; Conscivative 6, Mishabethes 2, Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Avias myeleblastosis virus; meleney murice leukaemia virus; ss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    primer; FCR, polymerase chain reaction, ecorymo mixtorno polymerase; provideding activity, Tay Fwo: Thormus agrations: Pyrococcus woesi; thermostable; ANV; roycrse transcriptase; MoMuLV; amplification;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Dystrophin forward primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAT70484 Standard; DNA, 26 BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            28-AUG-1997 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAT70484;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   minutes, the method is used to amplify bith frighters up to 3 kb long, sept for detection of these fragments in samples of biological fluid. The enzyme mixt, can also be used to label DNA fragments with modified nucleotides. The process provides increased yields and specificity in amplification of short nucleic acid fragments. The enzyme mixture can be used with reverse transcriptase in an RT-DG, reaction. AAT70482-85 are primers used in an assay to show the reaction conditions for use of the AMV-RT and the PWO/Tag enzyme mixture. A 1851 bp fragment of the Dystrophin FNA was amplified using AAT70484-85.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Specific amplification of short nucleic acid fragments - using two thermophilic polymerase(s) one with, the other without, proof reading activity to improve field and specificity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               EF/45087-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          A novel method for the specific amplification of short, single- or double-stranded nucleic acid fragments can be carried out in presence of at least one primer pair, pH 7-9.5 buffer, all dNTP required for ENA characterists and an entymer field (i.e. thornights) planetiess. Con
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       08-APR-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              09-APK-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        04-DEC-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         activity. After optimal separation of double stranded molecules, the extension reaction is carried out at at least 70deg C for 5 seconds to 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            with produceding activity (e.g. Fwo prigmends from Friedricus) without such and the other (e.g. Tag polymerase from Thermus adjusticus) without such
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Example 7; Page 5; 31pp; German.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               WP1; 1597 013703/02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 26 BP; 6 A; 3 C; 10 G; 7 T; 0 other;
11-NOV-1998 (first entry)
                                                                      AAV46348;
                                                                                                                                             AAV46348 standard; DNA; 26 BP
                                                                                                                                                                                                                                                                                                                                                                                                    21 TGAACGTCGGAGTCAACGGATT 42
                                                                                                                                                                                                                                                                                                                              1 TGAAGGTCGGAGTCAACGCATT 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Kuebler H;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               95EP-0105346
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PCR primer for serine threonine kindse.

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AAV41538
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19661 1980 90
                                                                                                                                                                      Lipase like acce. LAN boman lipaprotein lipase, hepatic lipase, beparin; phoshafidylcholine ester; laundry detergent; serum lipid; atherosels, didates, hyperlipidemia, intrahepatic cholestasis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               This sequence is a PMP primer by SMA conditing the scribe threshing kinese variables. The invention three sources the invention for two sources throughout kinese variables (VKK1 and VEK2; shown in AAMY 471 and AAMC4772 respectively) are highly expressed in actively growing cells (such as footal organs), and have significant homology with the BIR kinese of vaccinia virus, the kinese significant homology with the BIR kinese of vaccinia virus.
                                 05 DEC 1997;
                                                                                               WOUSELINER - AZ
                                                                                                                             5/2011 htt 100.
                                                                                                                                                           PCR: primer; amplification; ss
                                                                                                                                                                                                                                     Nucleotide sequence of 5' PCR primer GSPDH.
                                                                                                                                                                                                                                                                      26-001-1998
                                                                                                                                                                                                                                                                                                     38.9117AVV
                                                                                                                                                                                                                                                                                                                                   AAV41638 standard; DNA; 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 26 BP; 6 A; 3 C; 10 G; 7 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     tor control of cell growth.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    can be used as a substrate for the screening of potential inhibitors, which can then be used in the control of cell growth and as antitumour adents. Antisense DNA delivered via a suitable vector can also be used
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Example 3; Page 35; 63pp; Japanese.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           useful for development of cell growth inhibitors and antitumour
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Serine-threonine kinase highly expressed in actively growing cells
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WP1: 1998-388133/33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Necra J. Oka A;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (CHRG.) CHROAL RES INST MOTFOULAR MEDICINE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        79-08-1-384-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      25 DEC-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     9661-THF 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MO04829552-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             antitumour agent; PCR primer; ss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Period threshine kinuse, VEK1, VEK1, BlE kinuse, cell growth control,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                           21 FGAAGGTCGGAGTCAACGGAFF 42
                                                                                                                                                                                                                                                                                                                                                                                                               1 TGAAGGTCGGAGTCAACGGATT 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                sapions
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                    (tirst entry)
   9608-0032783
                                 97WO-US22441.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        52.4%; Score 22;
                                                                                                                                                                                                                                                                                                                                   Ξ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Prod. No. 0.0087.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismat ches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Longth 26:
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AAZZHIIR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                geory Match
Best Local Similarity
Mutches 22; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  binds to heparin. The LLG polypeptides can be used for the enzymann hydrolysis of phoshattayleholine esters, for e.g. industrial or food processing or in laundry detendents. The products can also be used for improving the serum lipid profiles of animals, e.g. in the treatment of alberoscherosis, diabetes byperlipidemia or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Lipase like dene polypeptides—used for hydrolysis of
phosphatidylcholine esters or for treating e.g. atheroselerosis,
diabetes, hyperlipidemia or intrahepatic cholestasis
                                        Disclosure; Page 8; 27pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     This is the nucleotide sequence of a RCR primer used for amplification in the method of the invertice involving lipuse like open (LLG) and it has homology with human lipusprotein lipuse and hepatic lipuse, and binds to hepatin. The LLG polypeptides can be used for the enzymatic binds to hepatin. The LLG polypeptides can be used for the enzymatic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Disclosure: Fig 1; 94pp; English.
                                                                    New bradykinin receptormarker for an inflammatory
                                                                                                      WPT: 1999-620220/53.
                                                                                                                                    Antel JF, Frat
                                                                                                                                                                                                                                                                                                                       Synthet ic
                                                                                                                                                                                                                                                                                                                                                                     Bradykinin Bl receptor: marker; intlammatory disease; multiple sclerosis; rheumatoid arthritis; osteoarthritis, Crohn's disease; PCR primet:
                                                                                                                                                                                                                                                                                                                                                                                                                 GMPDH specific 5' primer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 26 BP; 6 A; 3 C; 10 G; 7 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         05 DEC 1996;
                                                                                                                                                                 (SEMIL) SKIV MOSICIL
                                                                                                                                                                                                01 AFK 1558,
                                                                                                                                                                                                                             41 MAR 1999;
                                                                                                                                                                                                                                                            14 oct 1999
                                                                                                                                                                                                                                                                                           W09951987-Al
                                                                                                                                                                                                                                                                                                                                                      nicerative colitis; hupus erythematosum disseminated;
                                                                                                                                                                                                                                                                                                                                                                                                                                              17 JAN 2000 (tirst entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AA223113;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AA22311+ standard; DNA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               diagnosis and drug screening.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mb1: 1488-333310/54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                South VJ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (BEDN ) EHRME POULENC FORER PHARM INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              intrahepatic cholestasis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      21 THAAGHICGHAGICAACGGAIL 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TGAAGGTCGGAGTCAACGGATT 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         9605-0032254
                                                                                                                                                                                                980A 22:370%
                                                                                                                                                                                                                             99W0-CA00277
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            the products can also be used for detection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Broze 22; DB 19;
; Prod. No. 0.0037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Elawies JA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismut chos
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.0037;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Lynn h Edy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Longth 26;
                                                                                                                                                                                                                                                                                                                                                        GAPDH; SS
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the invention provides a bradykinin Bl receptor acting as a marker for an inflammatory disease. The marker is useful for diagnosis, measuring

an inflammatory disease. The marker

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       G3PDH; gamma interferon; smooth muscle cell proliferation; intimal thickening; thrombosis; vascular graft; endothedial cell; valve, genetically modified; cardiocasevlar graft; artifical bired vessel, atheroscierosis; media arteriesclerosis, heart failure, renal failure, arterial ancurism; organ failure, ischaemia, blood clot, thrombin, ss; arterial ancurism; organ failure, ischaemia, blood clot, thrombin, ss; arterial ancurism; organ failure, ischaemia, blood clot, thrombin, ss;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          osteoarthritis, Grohm's disease, ulcerative colitis or lupus erythematosum disseminated. The marker avoids the use equiventional
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    activity and screening for agents that treat inflammatory diseases. The diseases can be multiple sclerosis, theumatoid arthritis,
              3-phosphate dehydrogenase (G3PDH) gene. G3PDH is used in the method of the invention, which involves preventing smooth masche cell proliferation, infinal thickening and thrombusis at the site of vascular grafts. The method involves using implants coaled with a monolayer of endothelial cells genetically engineered to express therapeutic agents (especially gamma interferon) that limit proliferation of smooth muscle cells. The method may be used to produce cardiovascular grafts (e.g. artificial blood wassels and valves) for the treatment of arteriosclerosis (such as alberosclerosis for the treatment of heart failure, renal failure, arterial aneurisms, organ failure and other conditions that require vascular bypasses to restore blood flow to areas of ischaemia. The presence of the endothelial cells prevents the formation of blood girds (thrombusis) or vascular grafts because the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      q1yeeral Johya-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAZ21557 standard; DNA; 26 BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 26 BP; 6 A; 3 C; 10 G; 7 I; 5 other,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AA223113-114 represent G3FDH primers.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US5957972-A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5' PCR primer used for amplification of G3PDH gene.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          01-DEC-1999 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAZ21557;
                                                                                                                                                                                                                                                                                          FOR primers \Delta\Lambda\Delta 2.21557 221558 are used to amplify the physiciald-hydrosphate dehydrogenase (G3PDH) gene. G3PDH is used in the method of
                                                                                                                                                                                                                                                                                                                                                        Example 1, Column 13, 15pp, English.
                                                                                                                                                                                                                                                                                                                                                                                                                       Preventing smooth muscle cell proliferation, intimal thickening and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (ARIZ-) ARIZONA BOARD OF REGENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        23-JAN-1997;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                    thrombosis at the site of vascular grafts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      29 SEF 1992;
thrombin circulating in the patients blood does not come into contact
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      21 TÇAAGGTCGGAGTCAACGGATT 42
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         which can be more expensive and time-consuming. Sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Williams SK;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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100 0%;
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XX B X AC
                                                                                            AAX01679
                                                                                                             RESULT 15
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                                                                                                                                                                                                                              Matchee
                                                                                                                                                                                                                                          Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      sequence 26 BP: 6 A: 3 C: 10 G; 7 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  with the artificial material of the graft (only the endothelial cells contact the thrombin which does not cause clotting).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Human; BAI1; brain; cancer; drug; diagnosis; prevention; treatment;
primer; PCR; amplification; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AAX21362 standard; DNA; 26 BP
                                                                                                                                                                                                                                                                                           Sequence 26 BP; 6 A; 3 C; 10 G; 7 T; 0 other;
                                                                                                                                                                                                                                                                                                                                        Primers AAX21362:X21363 were used to PPP amplify a fragment of the G3PDH (giyceroldehyder3:phosphate dcl),dregenise) gene as a control sequence for analysis of BAI gene expression in blots. The BAI genes (AAX21355-XX1357) are expressed specifically in the brain and play an important role in cancer formation in the brain. The BAI proteins can be
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             cancer formation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           New human BAI gene - is expressed in brain plays important role in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WFT; 1999-183823/16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            23-MAY-1997;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Prime HGS for G3PDH gene.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        21-MAY-1999
             01-APR-1999
                                                                              AAX01679 standard; DNA; 26 RP
                                                                                                                                                                                                                                                                                                                            used in drug compositions to diagnose, prevent or treat such cancers
                                                                                                                                                                                                                                                                                                                                                                                                                                            Example 3, Page 16; 62pp; Japanese.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (SAKA ) OTSUKA PHARM CO LTD
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                                                                                                                                                              1 TGAAGGTCGGACTCAACGCATT 22
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             (first entry)
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) Pred. No. 0.0037;
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Nismatches
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Search completed: April 17, 2003, 14:16:34 Lob time: 1228 sees
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                                                                                                                                                                                                                                AAXU1671-X01682 are PCK primers used amplify the human prostate-specific antiden (PSA) and the prostate-specific membrane antiden (PSM) which are used in a method for detecting circulation prostate cells. The method involves a sensitive multiplex RT-PCE assay and can simultaneously detect PSA-expressing cells, PSM-expressing cells and a objuitously expressed internal PCE control gene G3PDH all within a single reaction. The method is used for diagnosis of prostate carcinoma.
                                                                                                                                                                                                                                                                                                                                                                                                      beteetion of circulating prostate cells - by amplifying prostate membrane antigen and prostate-specific antigen cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Prostate specific antique; prostate specific membrane antique; PSM; PSA; amplification; prostate carcinoma, multiplex assay, detection; diagnosis; PCR primer; ss.
                                                                                                                                                                                                   Sequence 26 BP; 6 A; 3 C; 10 G; 7 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                      Claim 12d; Column 3; 26pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                            WP:: 1999 119869/10.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Price DK, Teigland CM;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ("HAR ) CHARLOLLE-MECKLENBURG HOSPITAL AUTHORITY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             24 JUN-1996;
05 MAY 1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 115 - MAY - 1 997;
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                                                                9608-0016543.
9708-0851135.
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Result
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Searched:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Periect score:
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        Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution
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            Issued_Patents_NA:*

1: /cqu2_6/paichts_NA:*

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        egin{array}{c} \egin{array}{c} \egin{array}{c} \egin{array}{c} \egin{array}{c} \egin{array}{c} \egin{array}
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                                                                                                                             US-08-327-494A-5
US-08-787-902A-3
US-08-787-902A-3
US-08-78-7-902A-3
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US-08-18-12-559-5
US-08-18-12-559-5
US-08-18-12-559-5
US-08-18-12-559-5
US-08-18-12-559-5
US-09-18-12-599-5
US-09-28-12-599-5
US-09-28-12-599-5
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12.397 Million cell updates/sec
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Sequence 5. Appli Sequence 13. Appli Sequence 13. Appli Sequence 13. Appli Sequence 14. Appli Sequence 14. Appli Sequence 15. Appli Sequence 15. Appli Sequence 5. Appli Seque
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21 TRANSCRIPTING ACCOUNT 42

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Patent No. 5858673
                                                                                                                                                                                                                                                                                                     Sequence 6, Application US/08787902A
Patent No. 5957972
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Materials
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ouery Match 52.4%; Score 22; DB 2; Length 26;
Best Local Similarity 100.0%; Pred. No. 0.00038;
                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 9: SEQUENCE CHARACTERISTICS:
                                                                                                                         CORRESPONDENCE ADDRESS: 8
                                                                                                                                                                  APPLICANT: Williams, Stuart K.
APPLICANT: Stopeck, Alison
[IIILE OF INVENTION: Improved Implants PO
[IIILE OF INVENTION: ce of Endothelial C.
[IIILE OF INVENTION: Intimal Thickening.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: other nucleic acid
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APPLICANT: Trigland, Chris M.
FITLE OF INVENTION: METHOD FOR DETECTING PROSTATE CELLS
RUMBER OF SEQUENCES. 12
CORRESPONDENCE APPRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DAFA:
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                                                          STREET: 2929
CITY: Tucson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       21 FGAAGGTCGGAGTCAACGGATT 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DESCRIPTION: (Absent "Spothed by allocated identises (Primer GAPDH57)"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Lipscomb III, Ernest B. REGISTRATION NUMBER: 24,733 REFERENCE/DOCKET NUMBER: 8161-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IHM PC compatible
OPERATING SYSTEM: PT-128/MS-128
                                                                                                       ADDRESSEE: Antonio Durando
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 26 base pairs
TYPE: nucleic acid
SIRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: Post OH
CHTY: Charlotte
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                  PAINING:
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H5716
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                                                                              2929 E. Broadway Blvd
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                  U.S.A.
                                                                                                                                                                                    Improved Implants Possessing a Suria ce of Endothelial cells Genetically-Modified to
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; Sequence 30, Application 05/08985492; Patent No. 6395530
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; ORGANISM: Homo sapiens
US-09-344-700-13
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                                                                                                                                                                                                                                                         RESULT 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; GENERAL INFORMATION:
; APPLICANT: Nezu, Jun':
; APPLICANT: Oku, Asuka
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 4
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Best Local Similarity 100.0%;
witches 22; Conservative (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION, NOVEL SERINE THREONINE KINASE GENE FILE PEREMENCE: 06501/033001
CUPPENT APPLICATION NUMBER: 05/09/344,700
CURRENT FILING DATE: 1997-06-25
FARLIER APPLICATION HUMBER: ECI/GP97/0485
FARLIER FILING DATE: 1997-12-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   HARLIER ANTILICATION HOMBOR. JE 2/157864
EARLIER FILING DAIE: 1996-12-27
NUMBER OF SEQ ID NOS: 37
                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 26-JAN-96; INFORMATION FOR SEQ ID NO: 3:
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MEDIUM TYPE: diskette, 3.5 inch, 1.44mb storage
COMPUTER: IHM compatible PC
OPERATING SYSTEM: Windows 4.1
SOFIWARE: Word Perfect 6.0a
CURRENT APPLICATION DATA:
APPLICANT: Lynch, Kevin J.
APPLICANT: Amin, Dilip V.
APPLICANT: South, Victoria J.
FILLE OF INVENTION: LLG POLYPEPTIDES OF THE EMIACYLLLYCEROL
                                                                                                                APPLICANT: Jaye, Michael C. APPLICANT: Doan, Kim-Anh T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 623
PRIOR APPLICATION DATA:
                                                                                              APPLICANT: Krawlec, John A.
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STRANDEDNESS: single
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100.0%; Pred. No. 0.00048;
Cive 0; Mismatches 0; Indels
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US-08-985-492-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 5, Application PC/TUS9513659 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (610)454-3839
TELEFAX: (610)454-3808
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHAPACTEPISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     THILE OF INVENTION. LIPAGE FAMILY AND COMPOSITIONS AND METHODS FOR THEIR USE THILE OF INVENTION. IN CHEYMATIC HYDPOLYSIS, AND PROTEIN AND GENE THERAPIES NUMBER OF SEQUENCES: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COPPESSONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: other nucleic acid pescription: /desc = "Oligonucleotide"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE, DOCKET NUMBER. A2 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIs Ee. CUESENT APPLICATION DATA
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                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Plaser, Martin tappLICANT: Tummuru, Murali K.R.
APPLICANT: Tummuru, Murali K.R.
APPLICANT: Sharma, Smile A
TITLE OF INVENTION: Stage and Sage Gross for H sylori and
TITLE OF INVENTION: Polated Methods and Compositions
NUMBER OF SEQUENCES: 8
                                                                                                MEDIUM TYPE: Floppy disk
COMPUTEN: IBM PC compatible
OPERATING SYSTEM. FC:DCS,MS:DCS
SOFTWAPP: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEF: NEEDLE & ROSENBERG, P.C
                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         y Match 52.4%; Score 22; DR 4; L
Local Similarit; 100.0%; Pred No 0 00018;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Fehlner Ph.D., Paul F. REGISTRATION NUMBER: 35,135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-BOS/MS DOS
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SIRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
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CIIY: Atlanta
SIAIE: Georgia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 TGAAGGTCGGAGTCAACGGATT 22
                                                                                                                                                                                                                                                  COUNTRY:
                                          CLASSIFICATION:
                                                              FILING DATE:
                                                                                   APPLICATION NUMBER: PCT/US95/13659
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: Rhone-Poulenc Rorer Inc.
500 Arcola Rd. 3C43
Spratt, Gwendolyn D.
                                                                                                                                                                                                                                                                    Georgia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          26 base pairs
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                                                                                                                                                                                                                                                                                                              127 Peachtree Street, Suite 1200
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                                                                                                                                                                                                                                                    USA
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    n: Mismatches

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PCT-US95-13659-5
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υb
                                                                                                                                       US-08-937-063-1
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                                                                                                                                                                                                                     REFERENCE/JOOCNE) NUMBER. BID:
INLESCAMMUNICATION: INFORMATION:
TELEPHONE: (781) 861-6240
TELEPAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
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                                                                                                     Query Match
                                                                Best nocal Similarity
Matches 20, Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: STROM, LLAW APPLICANT VASCONCULIOS, LAURO APPLICANT: SUTHANTHIKM, MARKKAM APPLICANT: SUTHANTHIKM, MATTHODS OF EVALUATING TRANSPLANT APPLICANT OF INVENTION: MATTHODS OF EVALUATING TRANSPLANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: DNA (genomic)
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                ALLORNET / AGENT TREGREAT FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-FOS/MS-DOS
SOFTMARE: Patentin D-1
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STRANDEDNESS: single
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REGISTRATION NUMBER: 32,2
                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
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                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
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                                                                                                                                                                                                            LENGTH:
                                19 GGTGAAGGTCGGAGTCAACG 38
                                                                                                                                                        TOPOLOGY:
1 GGTGAAGGTICGGAGTICAACG 20
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                                                                                                                                                                                                              20 base pairs
                                                                    Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                       24-SEP-1997
                                                                  47.6%; Score 20; DB 4; Length 20; 130.0%; Fred. No. 0.056; valive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                  32,227
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                                                                                                . RELEVANT RESIDUES IN SEQ ID No: 13: FROM 1 TO 24 US 08 188-434A-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 13, Application US/08188434A Patent No. 5639606
                                Mat ches
                                                               Query Match
                                                 Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 06-Apr-1993
ATTORNEY/ACENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: HBM PC compatible OPERATING SYSTEM: PC-DUSYMS-DOS SOFTWARE DATE OF LO PC-LOSSE #1.9, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                            PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                 ANTI-SENSE:
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FIFTLE OF INVENTION: Method
                                                                                                                                                                                                                                                                                                                                                                                                              PRICINAL SOURCE:
                                                                                                                                                                                                                                                                                                  AUTHORS:
                                                                                                                                                                                                                                                AUTHORS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 24 base pairs TYPE: nucleic acid STRANDEDNESS: double
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE: 28-Jan
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25 GGTCHGAGTCAACGGATT 42
                                                                                                                                                                 VOLUME:
                                                                                                                                                                                                                                                                                                                               AUTHORS:
                                                                                                                                                                                                                                                                                                                                                  AUTHORS:
                                                                                                                                                                                                                                                                                                                                                                             HARL BUSSEL
                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapions
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 08/043,390
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                                                                                                                                                                                                                 111111
                                                                                                                                                                                                                                                                                AUTHORS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE:
                                18; Conservative
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                                                                                                                                  SHMMER - 1990
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                                                                                                                                                                               human lung cancers
L: Cancer Res.
                                                                                                                                                                                                        Enhanced expression of a diversaldehyde-3-phosphate dehydrogenase gene in
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1: (419) 243-1294
(419) 243-8502
                                                                                                                                                                                                                                                Sakiyama, S.
                                                                                                                                                                                                                                                             ohkubo, M.
Sawada, K.
                                                                                                                                                                                                                                                                                                                               Nakamura,
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                                                                                                                                                                                                                                                                                              Fujimori, K.
                                                                                                                                                                                                                                                                                                              Sakata, K.
                                                                                                                                                                                                                                                                                                                                              Tokunada, K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
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                                                 100.08;
                                                                 42.9%;
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                                                Score 18; DB 1; Length 24; Pred. No. 0.08;
                             Mismatches
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US-08-876-766-13
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US-08-876-766 13
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, Patent No. 5876978
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APPLICANT: Willey.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (419) 243-126
TELEFAX: (419) 243-8502
INPORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PUBLICATION INFORMATION:
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RETIRESHOLY, WET HUMBLE. 50
RETURESHOLY ATTOM
RETURESHOLY OF THE RESIDENCE OF TH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 06-Apr-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
FRIOR APPLICATION DATA:
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COMPUTER: IRM PO compatible
CRIPATION SYSTEM OF THE DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                      PAGES: 5015
DATE: SUMMER-1990
                                                                                                                                                                                                             TITLE:
                              RELIEVANT RESIDENCES IN SEQ. ID NO.
                                                                                                                                                                                                                                                                                                                                                                                                      AUTHORS:
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STRANDEDNESS: double
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                                                                                                                                       VOLUME:
                                                                                                                                                                                                                                                                                                                                 AUTHORS:
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                                                                                                                                                                                 JOURNALL
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Sawada, K
                                                                                                                                                                              Caucer Res.
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Nakamura, Y.
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// Sequence 5, Application US/0915(424
/ Patent No. 5945296
/ CENTRAL TUPOPMATTON.
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US-09-156-424-5
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                                                                                                                                US-09-205-922-5; Sequence 5, Application MS/MG2M5G22; Patent No. 5951455
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Patent No. 5948680
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Best Total Similarity 100.0%
Matches 18; Construction
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                                                                                        GENERAL INFORMATION:
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
FILE REFERENCE: RTS-0024
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APPLICANT: Lex M. Cowsert TITLE OF INVENTION. ANTISENSE MODULATION OF G APLHA 11 EXPRESSION
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100.0%; Pred. No. 1.2;
Live 0; Mismutches 0; Indels
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US-09-205-144-5
, Sequence 5, Application US/99205144
; Patent No. 5958771
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                                     : OTHER INFORMATION: PCR Primer 08\text{-}09\text{-}205\text{-}204\text{-}5
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NUMBER OF SEQ ID NOS: 87
SEQ ID NO 5
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Rest Local Similarity 100
Matches 16: Conservative
                                                                                                                              SEQ ID NO 5
LENGTH: 19
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SFQ ID NO 5
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Query Match
                                                                                                                                                                               APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth / Achermann
APPLICANT: Elizabeth / Achermann
APPLICANT: Lox M. Cowsett
TITLE CF INVERTION: ANTIZENSE MONTATION OF THIRTHOP OF APONTOSIST EXPRIENCE: RTS-0020
PHLE REFERENCE: RTS-0020
PHER HIT AFFINATION DATE: 1998-12-03
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ANDICANT: Loa M. Cowsert
TITCE OF INVENTION: ANTISHNER MODULATION OF CELLULAR INHIBITOR OF APPROVATED PERPENDADE, PERS-0021
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                                                                                                                                                                   NUMBER OF SEQ ID NOS: 47
                                                                        ORGANISM: Artificial Sequence FFATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 THITITITITITI
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 P.P. 2;
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 Length 19;
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Search completed: April 18, 2003, 05:10:01
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                                           0; Indels
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed. and is derived by analysis of the total score distribution.

SUMMARIES

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Sequence 10, Appl	Econocida, Appl	Sequence 1, Appli	Sequence 10, Appl	Sequence 24, Appl	Sequence 11, Appl	Sequence 7, Appli			Sequence 7, Appli	Sequence 5, Appli	Sequence 7, Appli	Sequence 7. Appli	Sequence 89, Appl	Sections 25 Appl	Sequence 7, Appli	Sequence 7, Appli	Sequence 5, Appli	Sequence 7, Appli	Sequence 7, Appli	Soquence 45, Appl					

ALIGNMENTS

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(19:00-070 450A 20)
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TRION ANYLICATION HUMBLE 60,2215,833
PRIOR FILLING DATE 2000 09 27
FELIOR DEFLICATION MURREFS 60,224,776
PRIOR FILLING DATE 2001-01-16
PRIOR APPLICATION HUMBER 60,2305,351
PRIOR FILLING DATE 2001-07-13
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SOFTWARE: Palentic Ver 3
SEQ ID NO 39
LENGTH: 38
ymery Match: 57 (4) Secret 24 DR 9, 14
Host Local Similarity 100 0%: Pred No. 5 7e-05;
Matches 24, Conservative 0; Mismatches 0;
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HILLE OF INVENTION. A MOVEL BUMAN G-PECTEIN COUPLED BETTETOF, HITESPRYA,
TITLE OF INVENTION: EXPRESSED HIGHLY IN PROSTATE, COLON, AND LUNG
PILE SEPERENT HORSAND
CHERENT AFFILICATION PIMBER: HS/09/966,459A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: FEDER, J.N
APPLICANT: MINTIER,
APPLICANT: RAMANATHA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPILICANT:
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FAMANATHAN, C S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/00/966,792A CURRENT FILTED SATE 2081-09-26 PRIOR APPLICATION NUMBER: 60/245,731 PRIOR FILTED DATE 2080-09-27 PRIOR PRIOR DATE: 2080-09-27 PRIOR APPLICATION NUMBER: 60/268,580 PRIOR APPLICATION NUMBER: 60/315,523 PRIOR APPLICATION NUMBER: 60/315,523 PRIOR PILLE ATTICH REMBER: 60/315,523 PRIOR PILLE DATE: 2001-08-28 PRIOR PILLED DATE: 2001-08-28 PRIOR PILLED DATE: 2001-08-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 41. Application US/0992331
Publication No. US/20030022186A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         County Match 57.1%; Score 24; DB 9; Dest Local Similarity 100.0%; Pred. No. 5.7e-05; Matches 24; Conservative 0; Mismatches 0,
                                                                                                                                                                                                                                                                                                                          APPLICANT: KAMANATHAN, CHANDRA'S.
APPLICANT: HAWKEN, DONALD R.
FILLE OF INVENTION: A MARKEN HIGHLY IN PITUITARY GLAND AND COLON CARCINOMA
HILLE OF INVENTION: CYPRESSED HIGHLY IN PITUITARY GLAND AND COLON CARCINOMA
HILLE OF INVENTION: CYPLE
FILE REFERENCE: DODA'HNP
                                                                               PRIOR ALLICATION NOMBER, 65.73
PRIOR FILING DATE: 2000-11-14
NUMBER OF SEQ ID NOS: 45
                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/261,782
PRIOR FILING DATE: 2001-01 16
                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/992,731
CURRENT FILING DATE: 2001-11-14
PKI-8 APPLICATION NUMBER: 66/208,549
PKI-8 PRIJES DATE: 2001-07-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: FEDER, JOHN N. APPLICANT: MINTIER, GABE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: KOTNACKOI, M. G.
TITLE OF INVENTION: A WOVEL HUMAN G RESTRIN COUPLED ESCRIPTER, HOTERNYT,
TITLE OF INVENTION: EXPRESSED HIGHLY IN SPINAL CORD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Battaglino,
                                                        SOFIWARE: Patentin Ver. 2.1
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TENCTH: 28
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Ramanathan, C. S.
Westphal, R.
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Barber, L.
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Cacace, A.
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FILE REFERENCE: DODATONE/3054 4119084
FILE REFERENCE: DODATONE/3054 4119084
FORENCE A:FILING BATE: 2002-05-07
PRIOR AFFLICATION NUMBER: 60/245,602
PRIOR AFFLICATION NUMBER: 60/406,604

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PRIOR FILING DATE: 2001-07-19

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: OTHER INFORMATION: Description of Artificial Sequence: GAPDH-PVIC : OTHER INFORMATION: TAQMAN PROBE ES 09 992 331 41
UE-09-966 1228-26/

Sequence 26 Application US/09966422k

Publication No. US20038044892Al

GENERAL INFORMATION:

AFFICIANT BYLLED MYOLE SQUILD COMPANY

TITLE OF INVENTION: SMALL INTESTINE

TITLE OF INVENTION: SMALL INTESTINE
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                                                                                                                                                             RESULT 5
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US-09-965-536A-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  : Sequence 28, Application US/09965536A : Publication No. USZ0030027324Al : GENERAL INFERMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AFFLICANI, FEDER,
APPLICANI, MINTIE
APPLICANI, RAMANA
APPLICANI; HAWKEN
                                                                                                                                                                                                                                                                                                                    Matches
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Best Local Similarity
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BRIOR FILLING DATH: 2000-09-27
PRIOR APPLICATION NUMBER, 69/2/61,781
BRIOR FILLING DATE: 2001-01 16
BRIOR APPLICATION NUMBER, 69/4/05/6/5/65
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentla Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/010,436
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TITUE OF INVENTION: A NOVELHUMAN S PWOTEIN COUPLED RECEPTOR: HOPKBMYS.
TITLE OF INVENTIA: EXPRESCELHICHEY IN BEAIN AND AVAFIAN INSURS
FILE REPENENCE: LOVALNP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILLING DATE.
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Local Similarity 100.0%; Fred. No. 5.7e-05;
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100:0%; Pred. No. 5.7e-05
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RESULT 6 (2019) 238-62/ 3 (2019) 238-62/ 3 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 238-62/ 4 (2019) 208-62/ 4 (2019) 208-62/ 4 (2019) 208-62/ 4 (2019) 208-62/
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PRIOR ADDITION NUMBER: 50,41/150
PRIOR FILING DATE: 2001-05-04
PRIOR APPLICATION NUMBER: 60,408-85
PRIOR APPLICATION NUMBER: 60,728581
PRIOR APPLICATION NUMBER: 60,728581
PRIOR FILING DATE: 2001-02-14
PRIOR FILING DATE: 2001-02-14
PRIOR FILING DATE: 2000-11-14
NUMBER OF SEO ID NOS: 102
SOFTWARE: Patentin Ver: 2.1
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Best Local Similarity 100.0%, Fred. No. 5.7c 05;
Matches 24; Conservative 0; Mismatches 0.
                                                                                       Sequence 37, Application US/Idibi921 Publication No. 15200 00 221000
                                                     GENERAL INFORMATION:
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Matches 21, Conserv
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PRIOR FILING DATE: 2001 OR 28
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APPLICANT: HAWKEN, DOMALD R
APPLICANT: KORNACKEK, MICHAEL G
TITLE OF INVENTION: A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGPREMY8.
TITLE OF INVENTION: EXPRESSED HIGHLY IN BRAIN
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CURPENT APPLICATION NUMBER: US/09/992,238
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APPLICANT:
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APPLICANT: Nezu, Jun:Ichi
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100 0%; Pred No 5 7e-05;
Lice 0; Mixmatches 0; Todols
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US-10-101-921-37
; GENERAL INFORMATION:
APPLICANT: Ahmed, Asit Syed
; TITH: OF INVENTION: Methods of Delaying the Onzet of Labor
FILL EFFERIOR OF PARAMETERS OF DELAYING the Onzet of Labor
FILL EFFERIOR OF PARAMETERS US/09/952,604
; CURRENT APPLICATION NUMBER: US/09/952,604
                                                                                                                                                ; sequence 1, Application US/09952604 ; Patent No. US20020137680A1
                                                                                                                                                                                                     US 09 952 604-1
                                                                                                                                                                                                                               RESULT 9
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900 1 100 09: Prod No 0 00007

Matches 22: Commorrative 0: Mismatches 0: Indels
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Best Local Similarity 100.0%;
Matches 22, Ownservation 1
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APPLICANT: Gedzik, Adam
TITLE OF INVENTION: BCL G Polypoptides, Encoding Mucloic Acids and Methods
TITLE OF INVENTION: BCL GPOLypoptides, Encoding Mucloic Acids and Methods
TITLE OF INVENTION: 01 Use
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APPLICANT: TSUJ1, AKIRA
TITLE OSE 'NVEHTION 'TPANSPOPTED GENES OATP-B, C, D, AND E
FILE REFERENCE: 06501-104US1
CUBERT APPLICATION NUMBER: US/10/101/921
CURRENT FILING DATE: 2002-96-28
PRICE APPLICATION NUMBER: PT/1000/06416
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CHESPAT APPLICATION NUMBER INS TO TERP. 746
CHESPAT FILING DATE: 2000-12-14
FEIGE APPLICATION NUMBER INS 03/461/641
PRIOR FILING DATE: 1999-12-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                grade 22: DR la: Length 26;
pred. No. 0.00087;
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US 09-992 860 1
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                                                                                              PRIOR FILING DATE: 2001 11 14
PRIOR APPLICATION NUMBER: 60/248/942
PRIOR FILING DATE: 2000-11-15
NUMBER: 0F SEQ ID NOS: 22
SOFTWARE: Patentin von
SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1, Application USZ09992860
Patent No. USZ9020146472A1
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                                                                                           SEC II NO I
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APPLICANT: Ho, Chi Fang
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Hest Local Similarity 100.0%; Pred. No. 0.0
                                                                                                                                                                                                                                                     THEE OF INVENTION: Black Tea Extract for Prevention of Discase File Reference: \kappa \theta \cdot \theta 173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT FILING DATE: 2001 03 26 NUMBER OF SEQ 10 NOS: 45 SOFIMARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     THILE OF INVENTION: PROTECTION-OF-TELOMERE-1 (POT-1) PROTEIN AND ENCODING THILE OF INVENTION, PROTEIN HIDES FILE REPERENCE: 084451/0201
CHERRET ANTILICATION RUMBLE: 0., 7.335...18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: BAUMANN, PETER APPLICANT: CECH, THOMAS F
                                                                                                                                                                                                                                                                                                  APPLICANT: Rosen, Robert F. APPLICANT: Ghai, Geetha
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SOFTWARE: Patentin Ver. 2.1
FEATURE:
                         ORGANISM: Artificial Sequence
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                                                      TYPE: DNA
                                                                         TENETH:
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: Sequence 1, Application US/09777732
: Patent No. US20020132235A1
: GENERAL INFORMATION:
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US 09 777 732-1
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Rest Local Similarity 100.4
                                                                                                                                                                                                                                SEQ ID NO 1
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Patent No. US20020146678Al
       Matches
                       Guery Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                 APELICANI: Avihingsanon, Yindyos
APPLICANI: Ma, Nalli
APPLICANI: Stan, Terry
APPLICANI: Soares, Miquel C.
APPLICANI: Ferran, Christane
APPLICANI: Ferran, Mistane
TITLE OF INVENTION, MBASORIADEN OF ENOUGHIVE GERES IN ALLAGEAFT RESERVICE
FILE REFERENCE: 01948-059001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Ouery Match 52.4%, Score 22, 188-18, Best Local Similarity 100.0%; Pred. No. 0.00087 Matches 22; Conservative 0; Mismatches 0
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CURRENT AFFILMATION NUMBER: 03/09/016,702
CURRENT FILLING DATE: 2001-07-41
NUMBER OF SEQ 1D NOS: 74
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CURRENT FILING DAIR: 2001-02-06
NUMBER OF SEQ ID NOS: 41
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TITLE OF INVENTION: Cells
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                                                                                                            OTHER INFORMATION: Synthetically denotated primer
                                                                                                                                        FEATURE:
                                                                                                                                                       ORGANISM: Artificial Sequence
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                                                                                                                                                                                                           LENGTH: 20
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  20; Conservative
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100.0%; Pred. No. 0.00087;
attra o, Minustetto o, indels
                       47.6%, Score 20: DB 10: Length 20: 100.0%; Pred. No. 0.01%;
0; Mismatches
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CURRENT APPLICATION NUMBER: 118/06/2894 %69A
CURRENT FILING DATE: 2001-07-06
PRIOR APPLICATION NUMBER: DE 101 33 080 0
PRIOR APPLICATION NUMBER: DE 101 19 294.0
PRIOR APPLICATION NUMBER: DE 101 19 294.0
PRIOR FILING DATE: 2001-04-19
PRIOR APPLICATION NUMBER: US 60/243,158
PRIOR FILING DATE: 2001-0-25
PRIOR APPLICATION NUMBER: US 60/297,747
PRIOR FILING DATE: 2001-06-14
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; Patent No. US20020142003A1
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                                                                                                                        US-09-897-412-4
                                                                                                                                                                                                                                                                           APPLICANT: Davis, Richard J
APPLICANT: Davis, Richard J
APPLICANT: Page, Keith J
IIILE OF INVENTION. Use of Secretin Receptor Ligands in Treatment of Cystic
IIILE OF INVENTION: Fibrosis (GF) and Chronic Obstructive Pulmonary Disease
IIILE OF INVENTION: (COD)
FILE REFERENCE: 620-148
CURRENT AFFLICATION NUMBER- US/09/P97,412
CURRENT FILING DATE: 2001-07-03
PRIOR APPLICATION NUMBER: GB 0016441.8
PRIOR FILING DATE: 2009-07-04
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 4
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APPLICANT:
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Patent No. US20020142956A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 47.6%; Score 20; DB 10; Length 22; Best Local Similarity 100.0%; Pred. No. 0.013; Matches 20, Conservative 6, Xismatches 6, Tedels
     Query Match 45.2%, Scote 19, DB 10, Degth 22; Best Local Similarity 100.0%; Prod. No. 0.052; Matches 19; Conservative 0, Mismatches 0, Indels
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FILE REFERENCE: 0552.2280001
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                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: Primer
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PYLUSO2-11525-184/A

EVILUSO2-11525-184/A

Sequence 184, Application FC/TUSO211525

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
ITTLE OF INVENTION: POLYNUCLBORIDES ENCODING TWO NOVEL HUMAN G-PROTEIN COUPLED RECEPT
TITLE OF INVENTION: HGPRHMY28 AND HGFRBMY29, AND SPLICE VARIANTS THEREOF
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US-09-701 894-1
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                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                            Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                     SEC ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: 079498/0146 CURRINT APPLICATION NUMBER: 08/00/001.394 CURRENT FILING DATE: 2001-01-17 PRIOR APPLICATION NUMBER: PCT 0800.02770 PRIOR FILING DATE: 1999-06-11
CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION HUMBER, 60/089.119
PRIOR FILING DATE: 1998-06-12
NUMBER OF SEO IN NES: 5
SOFTWARE: Patentin Ver. 2.1
         CURRENT APPLICATION NUMBER: POT/11505/11505 CURRENT FILING DATE: 2002 05 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: MULTI-FLOURESCENT HAIRPIN ENERGY TRANSFER TITLE OF INVENTION: OLIGONUCLEOTIDES
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                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: oligonucleotide
                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: Synthetic
                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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1 277 401 30
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9 563 997 13
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360 Appl
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370 Appl
371 Appl
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158, Appl
158, Appl
15, Appl
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51, Appl
57, Appl
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US-09-964-821B-32
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COURRENT FILIAND DATE: 2002-06-10
FESIOR AFFLICATION HUMBER. 62, 235, 713
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2001-01-17
PRIOR FILING DATE: 2001-01-17
PRIOR FILING DATE: 2001-01-17
PRIOR FILING DATE: 2001-07-13
PRIOR FILING DATE: 2001-07-13
PRIOR FILING DATE: 2001-07-13
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                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 63
SOFTWARE: PatchtIn Ver. 2.1
SEQ LD NO 32
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                                                                              Matches
                                                                                             Query Match
Best Local Similarity
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Best Local Similarity 100
Matches 21, Conservative
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PRIOR FILLING DATE, 2001-04-11
CRIOR FILLING DAIL, 2001-05-03
TRIOR FILLING DAIL, 2001-05-03
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGPRBMY),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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FRICE FILING DATE: 2001-04-11
FRICE APPLICATION NUMBER, US 60,283,161
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                                                                                                                                                                           OTHER EMPOSMATION: Description of Artificial Sequence. OTHER INFORMATION: GAPDH-PVIC Tagman Probe
                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                 LENGTH:
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              24; Conservative
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KORNACKER, M. G.
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                                                                                               57.1%; Score 24; DB 36; 100.0%; Pred. No. 0.0012;
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100.0%, Fred. No. 0.001;
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, Sequence 39, Application 02,00061928A, GENERAL INFORMATION:

US-09-964-923A-39/C

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CUPPENT APPLICATION NUMBER OS/00/965,536A
CUPPENT FIZING LATE. 2001-03-26
PESCE APPLICATION NUMBER: 60/25/713
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 7001-08-03
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LENGTH: 28
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Hest Local Similarity 100.0%; Pred. No. 6.28
Hest Local Similarity 100.0%; Pred. No. 6.28
Hest Local Similarity 100.0%; Pred. No. 6.28
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COURPRUT APPLICATION BINNES "S,00,764,767A
CURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60,769,625
PRIOR FILING DATE: 2001-08-02
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APPLICANT: MINTIER, G.
APPLICANT: RAMANATHAN, C. S.
APELICANT: HAWKEN, D. R.
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PRIOR FILING DATE: 2003-01-16
PRIOR APPLICATION NUMBER: 60,235,709
PRIOR APPLICATION NUMBER: 60,235,709
PRIOR FILING DATE: 0000-00-27
NUMBER: Patentin Ver: 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              THILE OF INVENTION. A NOVEL HUMAN G FROTEIN COUFLED RECEPTOR, HUGERMYT, THILE OF INVENTION: EXPRESSED HIGHLY IN BRAIN AND OVARIAN TISSUES FILE REFERENCE: DO041NP
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SOFTWARE: Patentin Ver. 2.1
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                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: GAPDH-FVIC OTHER INFORMATION: Tagman(R) Probe
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                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                TYPE: DNA
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  19 CGTGAAGGTCGGAGTCAACGGATT 42
                                                        24; Consequation
                                                                               similarity
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                                                                               57.1%; Score 24; DB 36; Length 28; 180 0%; Pred No 0 8012;
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-966-4228-26
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GENERAL INFORMATION:
AFFITCHMENT FILE-LI-MELLS SELICE COMPANY
FIGURE OF INVENTION: A NOVEL HOMAN C-PROSPIN COMPLED PROPRIOD HOPPHAYS, EXPRESSED
FIGURE OF INVENTION, SMALL INTESTINE
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; LENGTH: 28
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                                           60 Vest 196-burdar
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| Pest Tosul 8
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APPLICANT:
APPLICANT
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Quory Match
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TITLE OF INVENTION. A MOVES BUMAN & PROTEIN COMPLET PEREPROPE BIOPERMY4,

TITLE OF INVENTION. EXPRESSED HIGHLY IN PROSTATE, COLON AND LUNG

FILE PEPERNOES DOBSON

CURRENT ACPLICACION MONESE US OFFICE, 159A

CURRENT PILING DATE: 2001-09-26

FELD APPLICACION MONESE GASS, 833

PRIOR PILING DATE: 2000-09-27

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PRIOR APPLICATION NUMBER- 60/295,602

PRIOR PILING NAME: 2000-07-27

PRIOR APPLICATION NUMBER- 60/205,604

PRIOR FILING DATE: 2001-07-19

PRIOR FILING DATE: 2001-07-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 81
SOFTWARE: Patentin version 3.0
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                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60,7
PRIOR FILING DATE: 2001-08-17
NUMBER OF SEQ ID NOS: 60
                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2001-01-16
PRIOR APPLICATION NUMBER: 50/3
PRIOR FILING DATE: 2001-07-13
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                                                                                                                                                                                                               SOFTWARE: Patentin Ver.
                                                               OTHER INFORMATION: Tagman(R) Probe
                                                                                    OTHER INFORMATION: Description of Artificial Sequence: GAPDH-PVIC
                                                                                                        FEATURE:
                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                    TYPE: DNA
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    57 1%: Smare 24. DR 36. Length 28
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Best Local Similarity

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US 09 966-782A 33
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APPLICANT:
APPLICANT:
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CURRENT APPLICATION NUMBER: U5/05/366/782A
CURRENT FILING DATE: 2001-09-26
              CURRENT APPLICATION NUMBER: 05/09/992,238 CURRENT FILING DATE: 2001-11-14 PRIOR APPLICATION NUMBER: 62/017166
                                                                                            APPLICANT: HAWKER, LAUREN
APPLICANT: HAWKEN, DONALD R
APPLICANT: KORNKER, MICHAEL G
TILLE OF INVENTION: A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGPRBMY8,
TILLE OF INVENTION: EXPRESSED HIGHLY IN BRAIN
                                                                                                                                                                                                                       APPLICANT:
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PRICE APPLICATION NUMBER: 60/23/5/731
PRICE FILLNS DATE: 2000-09-27
PRICE APPLICATION HUMBER: 60/25/5/79/7
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LITLE OF INVENTION: EXPRESSED HIGHLY IN SPINAL CORD
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                                                                               FILE REPERENCE: DO047NF
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PRIOR APPLICATION NUMBER: 60/315/429
PRIOR FILING DATE: 2001-08-28
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PRIOR FILING DAILS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence, OTHER INFORMATION: Tagman(R) Probe
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Ramanathan, C. S.
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Cacace, A.
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Mismarches 0;
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GENERAL INFORMATION:
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SOFTWARE: Patentin Ver. 2.1
SEO ID NO 41
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APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION, EGITHECLE-TELES EXCUSIONS TWO BONEL HOMAN S FROITIN COURTED MED
TITLE OF INVENTION, HOLDINGMYIN AND HOLGENYID, AND OFFICE VARIANTS THEMPOP
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AFFLICANT: RAMANATHAN, CHANDRA S.
AFFLICANT: HAWKEN, DENALD R.
AFFLICANT: HAWKEN, DENALD R.
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CURRENT ALELICALLAR MUMBER: DS/CO/992, 61
CURRENT FILENS DATE: 2001-11-14
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TITLE OF INVENTIGAL A NORTH-HEMAN SERGEN CAPILLE RESEPTSE, BIFFOMYTH,
TITLE OF INVENTION. EXTABLIBER HIBEZ IN TITLIBERT GLAND AND COLOR CAPCINGMA
TITLE OF INVENTION: CELLS
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PRIOR APPLICATION NUMBER: 607
PRIOR FILING DATE: 2000 11 14
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NUMBER OF SEC ID NOS: 102
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PRIOR APPLICATION NUMBER: 60/248285
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PRIOR PILLING DATE: 2001-07-27
PRIOR APPLICATION NUMBER: 60/268581
PRIOR FILLING DATE: 2001-02-14
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MIMMERE 60/218:483
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Pred. No. 0.0012;
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US-10-120 604 184
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Best Local Similarity 100 0%; Prod My VIII
Matchook 24; Conservative O. Mismatcher
                APPLICANT, Bristal Myers Squibb Company
TITLE OF INVENTION: A NOVE BUNAN CORPOTETH COMPLET EFFECTOR, HEFERSERS HE
FILLE OF INVENTION: SCHAAL CORD
FILL PREFERENCE: 100244 CIP
CUBERTS AFRE FOATH-H HUMBER 103, 10,254,905
CUBERTS AFRE FOATH-H HUMBER 103, 10,254,905
NUMBER OF SEQ ID NOS: 75
NUMBER OF SEQ ID NOS: 75
                                                                                                                                                                                            Sequence 33, Application US/10254905 GENERAL INFORMATION:
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TITLE OF INVENTION: A NOVET BUMAN LEUGINE FICH FEDERI CONTAINING PROTEIN EXPRESSED
TITLE OF INVENTION. PREDOMINATELY IN BONE MARROW, HIRRBM1
FILE REPERENCE: E0007A CLF
CUPPENT APPLICATION MUMBER: US 00.27
PRIOR APPLICATION NUMBER: US 02.7773
PRIOR APPLICATION NUMBER: US 02.7773
PRIOR APPLICATION NUMBER: US 02.7773
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SEQ ID NO 33
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PRIOR FILING DATE: 2001 06 25
NUMBER OF SEC ITS NOS: 226
SOFTWARE: Patentin version 3.0
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PRIOR APPLICATION NUMBER: US 60/283,161
PRIOR ETTING EATE 2001-04-11
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SOFTWARE: Patentin version 3.1
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TYPE: DMA
ORGANISM: Homo sapiens
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NUMBER OF SEQ ID NOS: 50
SCOTWARE: Patentin version 3.1
SEQ ID NO 41
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, ORGANISM. Homo sapiens
US 10 262-313-41
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; GENERAL INFORMATION:
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                                                                                                                                                                    US-60-350-061-981
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                                                              Query Match
Best Local Similarity 100.0
Conservative
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                                                                                                                                                                                                                                                                                                                   CURRENT FILING DATE: 2002-01-18
HITHREF OF SECTION NOS: 981
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVESTIGAT NAVEL SUMAN OF PROBLEM YOURSES FENETTY BY TITLE OF INVESTIGATION FILER STAND AND COLON CAPCINOMA CELLS FILE REPERENCE: D0048 CIP
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| HILLS of INVENTION | NOVEL SUBAN OFFICEIN FOR LEGISCEFOR BUTFRMYTS | EXPRESSED B
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TITLE OF INVENTION. IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS T
TITLE OF INVENTION. INTEFACT WITH SECTIVE PINASES AND THE SECTIVE FINASES
                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: D0185
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                                                                                                                                                                                                                                                         TYPE: DNA
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                                                                                                      100.0%;
                                                                                                  * Pred. No. 0.0012;
                                                                                  Mismatches
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Scoring table:
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/rdp2_r/ptrodata/l/proz/0504_NEW_trads seqt*
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Pred. No. is the number of results predicted by change to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution

SUMMARIES

No.	Score	Match Length	eugth E	DB	ID	Description
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14	20	47.6	20	ď	US-09-778-013-1	Sequence 1, Appli
15	20	47.6	20	9	US-10-151-481A-3	Sequence 3, Appli
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17	17	4∪.5	ķ		PCI-USU2-38806-85	Suquence 83, Арр1
18	16	1.85	<u></u>		PCT-0502-15037-4	Sequence 4, Appli
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63 14	16	38.1	1,4	b - •	PCT-USUL 31340 /	Sequence 7, Applia
t.)	<u>د بر</u>	(4) (4)	ŗ.	۳.	ECT-USOF FILTAN /	Sequence 7. Appli

, Sequence 93, Application US/10271078 ; GENERAL INFORMATION:

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APELICANT, Bristi Mycrs Squibb Company
TITLE OF INVENTION, BEVEL HUMAN LEECHER BICH PPPPAT FYMAIN FYMTAINING FMYTEIN, HLI
FILE SEFERENCE, DOIST NE
CHEPPPET APPLICATION HYMBER- HS (19/271,078)

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PCT-US02-35479-7 1 PCT-US02-35324-7 1 PCT-US02-35324-7 1 PCT-US02-35324-7 1 PCT-US02-35531-7 1 PCT-US02-35597-7 1 PCT-US02-36592-7 1 PCT-US02-36691-7 1 PCT-US02-3666-7 1 PCT-US02-38615-7 1 PCT-US02-38615-7 1 PCT-US02-38615-7 1 PCT-US02-38618-7 1 PCT-US02-38619-7 1 PCT-US02-38619-7 1 PCT-US02-38639-7 1 PCT-US02-38639-7 1 PCT-US02-39138-7 1 PCT-US02-39138-7 1 PCT-US02-39138-7 1 PCT-US02-39138-7 1 PCT-US02-39183-7	LI CO	.19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	.19	19	19	, 1 O	19	19
PCT-US02-354/9-/ PCT-US02-35324-7 PCT-US02-35331-7 PCT-US02-35597-7 PCT-US02-35691-7 PCT-US02-36691-7 PCT-US02-3661-7 PCT-US02-38616-7 PCT-US02-38616-7 PCT-US02-38616-7 PCT-US02-38619-7 PCT-US02-38619-7 PCT-US02-38619-7 PCT-US02-38622-7 PCT-US02-38639-7 PCT-US02-3863-7 PCT-US02-3963-7 PCT-US02-39138-7 PCT-US02-39138-7 PCT-US02-39138-7 PCT-US02-39138-7 PCT-US02-39138-7 PCT-US02-39138-7 PCT-US02-39183-7 PCT-US02-39183-7 PCT-US02-39183-7 PCT-US02-39183-7 PCT-US02-39183-7			_	-		,		_	_	نـــ	نصنغ	-	_	ji	دے	۲	ь.	١		_			-
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ALIGNMENTS

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Sequence 32, Application US/10268332 CHMERAL IMPORMATION:

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US-10-271-078:93
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US 10 262-272A 26/c
                                                                                                                                                                                                                                  SAMINARO 26, APPLICATION 08/10262272A

OPNEAD INFORMATION:
APPLICAME BRISTOL-MYCES SQUIDS COMPANY

TITLE OF INVENTION: WOVEL HUMAN G-PROTEIN COUPLED BECEFTOS, HGFRENYS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches 24; Conservative
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Best facal Similarity 100.0%; Pred. No. 0.00045;
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Rest Local Similarity 100.0%; Pred. No. 0.0
                                        SEQ ID No 25
                                                                                                        FILE REPERENCE: D0044 CTP
CURRENT APPLICATION NUMBER: 08/79/297.272A
CURRENT FILING LATE: 2002-09-27
PRIOR APPLICATION NUMBER: 0.8.09/956,422
PRIOR FILING DATE: 2001-09-26
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FRIOR FILIN: DATE: 2001-08-[7
NUMBER OF SEC ID NOS: 69
SOFIWARE: Patentin version 3.1
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PRIOR ETILING BATE: 2508-69-27
FRIOR APPLICATION NUMBER: U.S. 60/261,776
PRIOR ETILING DATE: 2001-01-16
PRIOR ETILING DATE: 2001-07-13
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PRIOR APPLICATION NUMBER: U.S. 60/328,479
PRIOR FILLING DATE: 2001-10-11
NUMBER OF SEC 10 MOST 95
                                                                                      NUMBER OF SECTIONS: 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: U.S. 09/964,459 PRIOR FILING DATE: 2001-09-26
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TITLE OF INVENTION: NOVEL HUMAN G FROTEIN COUPLED RECEPTOR, HGPRHMY4, AND METHODS OF
TITLE OF INVENTION: THEREOF
                                                                    SOFTWARE: Patentin version 3.2
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    Mismatches

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US-10-348-119-795
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; GENERAL INFORMATION:
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LENGTH: 28
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                                                                                                                                                                                                                               Query Match
Best Local Similarity
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Best Local Similarity 100.0%; Pred. No. 0.00045;
Matches 21, Closercatic 6, Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Bristol-Myers Squibb Company
APPLICANT: Kornacker, Michael
LITTLE of INVENTION, MeduLATORS of HUMAN G PROJECT CORRESPONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Coury Match 57.1%, Score 24, DH 9: 50 Best Local Similarity 100.0%; Fred. No. 0.00045; Matches 24; Conservative 0; Mismatches 0;
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PRIOR FILING DATE: 2002-01 18
NUMBER OF SEQ ID NOS: 795
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FILE REFERENCE: DOURS NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS AND CORREST ACTIVATION NAMED OF TOURS ACTIVATION NAMED OF TOURS ACTIVATION NAMED OF TOURS ACTIVATION NAMED OF TOURS 
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HERBER OF SEC ID HOS 112
SOFTWARE: Patentin version 5.2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
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                                                                                            19 GGTGAAGGTCGGAGTCAACGGATT 42
zn GGTGAAGGTGGGAGGTGAACGGATT s
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                                           32, Application US/60446655
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                                                                                                                                                                                   57.1%, Score 24, DR 11,
100.0%; Pred. No. 0.00045;
11. . . Mismatches ();
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Pr'1-US01 43931A 1

RESULT 7

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US-09-738-396A-39
: Sequence 5, Application US/10275172
; GENERAL INFORMATION:
   APPLICANT: Merck Patent GmbH
; TITLE OF INVENTION: New threoning-s
; FILE REFERENCE: htts:klbsws
; CURRENT APPLICATION NUMBER, US/10/1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; Sequence 39, Application US/09/48496A; GENERAL INFORMATION:
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                                                                                                                                                 08-10-275-172-5
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                                                                                                                                                                           RESULT 9
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CURPENT APPLICATION NUMBER: PCIZUS01/43931A
CURPENT FILING DATE: 2002-06-14
FELCE APPLICATION NUMBER 40/248,942
PRIOR FILING DATE: 2000-11-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Chen, Kuang Yi APPLICANT: Ho, Chi-Tang
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SOFTWARE: PatentIn Ver. 2.1
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TITLE OF INVENTION: HCT-G Polypeptides. Encoding Nucleic Acids and Methods
TITLE OF INVENTION: of Use
FILE REFERENCE: P-LJ 4450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Ver. 2.0
                         APPLICANT: Merck Patent GmbH
TITLE OF INVENTION: New threonine-scrine kinase (HTSSKI)
FILE REFERENCE: htsskibsws
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  CURRENT APELICATION NUMBER, US/10/275,172
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Local Similarity 100.0%; Pred. No. 0.0063;
hes 22; Conservative o; Mismatches 0; Indels
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toosl Similarity | 100 0%; pred No 0 00mx;
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). OTHER INFORMATION: Description of Artificial Sequence. Primer 3 us\text{-}10\text{-}275\text{-}172\text{-}5
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                                   ; ORGANISM: Human
US-60-434-165-26
                                                                                                     ; SEQ ID NO 26
; LENGTH: 26
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NUMBER OF SEQ ID NOS: 6
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CORRENT AFFILIANTICH HUMBER: "S./10/275,556
CUNKENI FILLAND JAHL 2003-11-07
NUMBER OF SEC ID NOS: 6
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                                                                                                                                                                                                            CURRENT ANTHLYATION NUMBER 115,40-434,165
CURRENT FILING DATE: 2002-12-17
PRIOR APPLICATION NUMBER: US 09/844,864
PRIOR PRIOR DATE: 2001-04 27
PRIOR APPLICATION NUMBER: US 60/411,262
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                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Contraceptive Targets FILE REFERENCE: p01925084
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                                                                                                                                                               PRIOR FILING DATE: 2001-04-27
PRIOR APPLICATION NUMBER: US 60/411,262
PRIOR FILING DATE: 2002-09-17
NUMBER OF SEQ ID NOS: 36
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APPLICANT: Bai, Yuchen
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                                                                                                                                               SOFTWARE: PatentIn version 3.1
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                                                                                  TYPE: DNA
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Score 22: DB 11: Length 26:
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                                                                                                                                                                              SEQ ID No 26
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APPLICANT: Matzuk, Martin M.
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                                                                                                                                                                                                                                                                                                                        APPLICANT: Rai, Ynchen
TITLE OF INVENTION: Contraceptive Targets
FILE REFERENCE: F01925036
CHREST APPLICATION HUMBER: 08/60/742.154
CHREST APPLICATION NUMBER: 08 01/2/4
PRIOR APPLICATION NUMBER: 08 04/944.864
PRIOR FILING DATE: 2001-04-27
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      Matches
                                             Query Match
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PRIOR FILLING DATE: 2001-04-27
PRIOR APPLICATION NUMBER: 05-65/454, M65
PRIOR FILLING DATE: 2002-12-17
PRIOR APPLICATION NUMBER: 05-65/4511, 262
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Hest local Similarity 100.0%; Prod. No. 0.0063; Matches 22; Conservative 0; Mismatches 0
                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/411,262
PRIOR FILING DATE: 2002-09-17
                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/434,165 PRIOR FILING DATE: 2002-12-17
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CURRENT FILLING DATE: 2003-01-13
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                                                                                                                                                                                                                      NUMBER OF SECTIONOS: 41
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                                                                                                                                                                                                SOFTWARE: PatentIn version 4.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin version 4.1
                                                                                                              ORGANISM: Human
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                                                                                                                                                         LENGTH: 26
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                      92.4%; Score 22; DB 11; Length 26; Local Similarity 100.0%; Pred. No. 0.0063;
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US-10-151-481A-4
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                                                                                                                                 US-10-151-481A 3
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Matches 20; Conservative (
                                                             Best Local Similarity
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CURRENT ARTLICATION NUMBER: 05/10/151/481A
CURRENT FILING DATE: 2002-08-20
                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kanumer, Gary M.
APPLICANT: Mishra, Nilamadhab
TITLE OF INVENTION: METHOD OF TREATING AUTOIMMUNE DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT ACELICATION ECHEEK, US, 20,778,014
CURRENT FILLING DATE: 2004-01-21
FRICE ACELICATION WIMMER, US CO,755, 27
FRICE FILLING DATE: 2000-01-24
FRICE ALGRESSATES WIMMER; US FRICAL ALGRESSATES WIMMER; US FRICAL ALGRESSATES WIMMER; US FRICAL ALGRESSATES WIMMER; US FRICAL ALGRESSATES
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FRICE FILING DATE: 2000 le l2
FRICE APPLICATION HUMBER: US 60/246,718
                                                                                                                                                                                                                                                                                         SOFIWARE: Patentin version al
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 01948-061001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Suthanthiran, Manikkam
APPLICANT: Vasconcellos, Lauro
LITLE OF INVENTION: METHOD OF EVALUATING TRANSPLANT REJECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Strom, Terry B.
                                                                                                                                                                              PEATURE:
                                                                                                                                                                                                 ORGANISM: Artiticial Sequence
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                                                                                                                                                       OTHER INFORMALION: Synthetic oligonucleotide
                                                                                                                                                                                                                         TYPE: DNA
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15 GGTGAAGGTGGGAGTGAACG 38
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                                            Conservative
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                                                             47.6%: Score 20; DB 9; Length 20; 100.0%: Pred. No. 0.09;
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